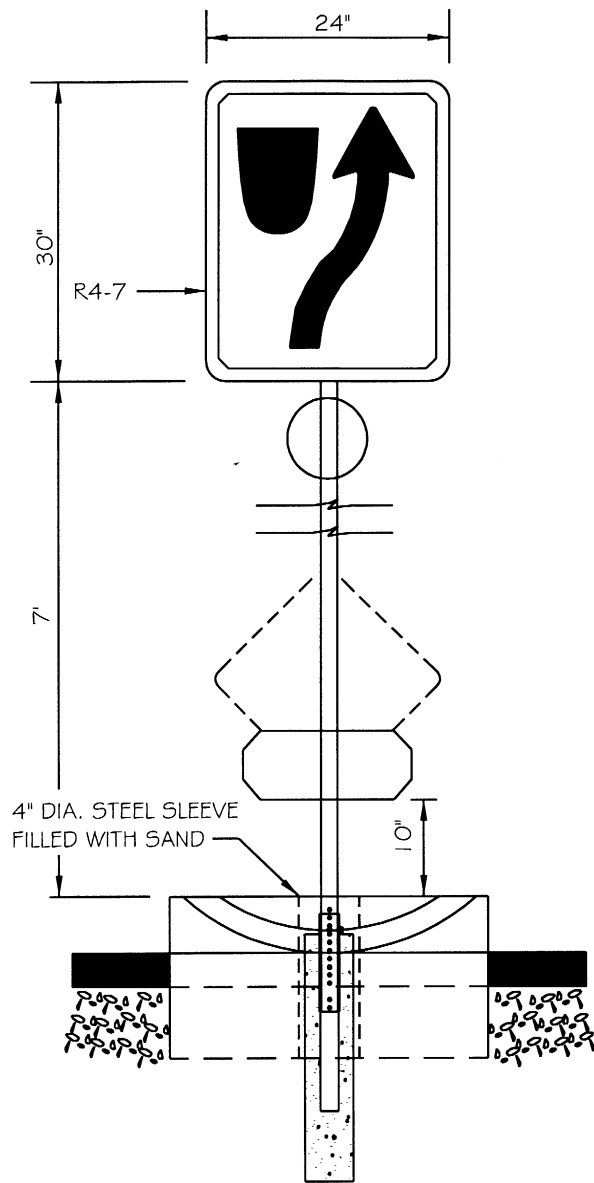
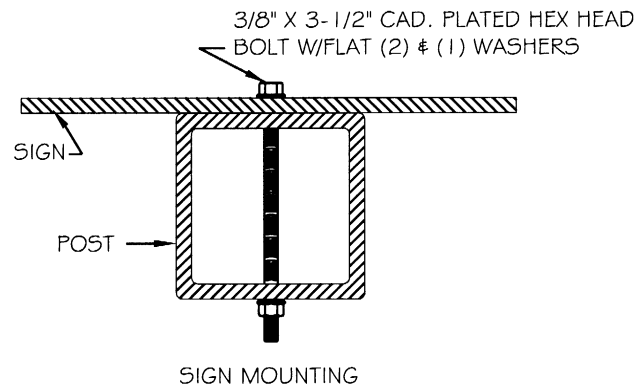
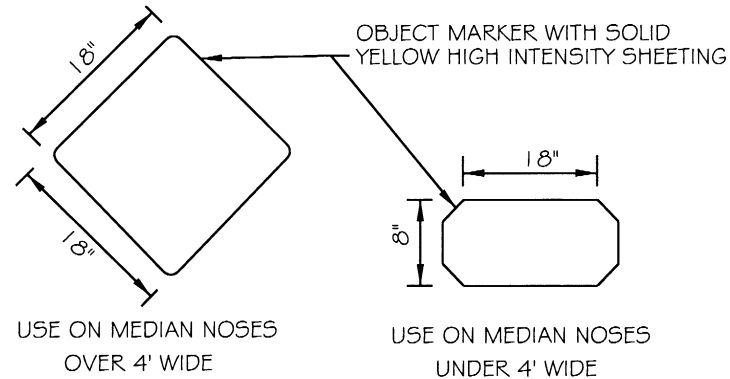


# **SIGNAGE SERIES**

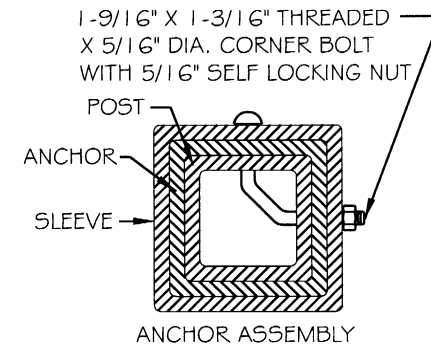
**C-600 TO C-623**



## ARTERIAL INTERSECTIONS



SIGN MOUNTING  
**DETAIL A**



ANCHOR ASSEMBLY  
**DETAIL B**

USE SAME POST SECTION SHOWN C-613 (SQUARE CHANNELS). DETAIL A & B AND BASE DETAIL

### NOTES:

1. SIGNS SHALL BE INSTALLED 5' BACK OF FACE OF BULLNOSE ON MEDIANS 4' IN WIDTH OR LESS AND 10' BACK ON MEDIAN WIDTHS GREATER THAN 4'.
2. MUTCD R4-7 AND OBJECT MARKER SIGNS SHALL BE INSTALLED AT ALL ARTERIAL / ARTERIAL INTERSECTIONS AND AT THE POINT WHERE THE MEDIAN BEGINS.
3. SEE COC STANDARD DETAIL C-225 FOR BULLNOSE REQUIREMENTS.

**C-600**  
REPLACES  
**37B**



CITY OF  
CHANDLER  
STANDARD  
DETAIL

## MEDIAN SIGNAGE

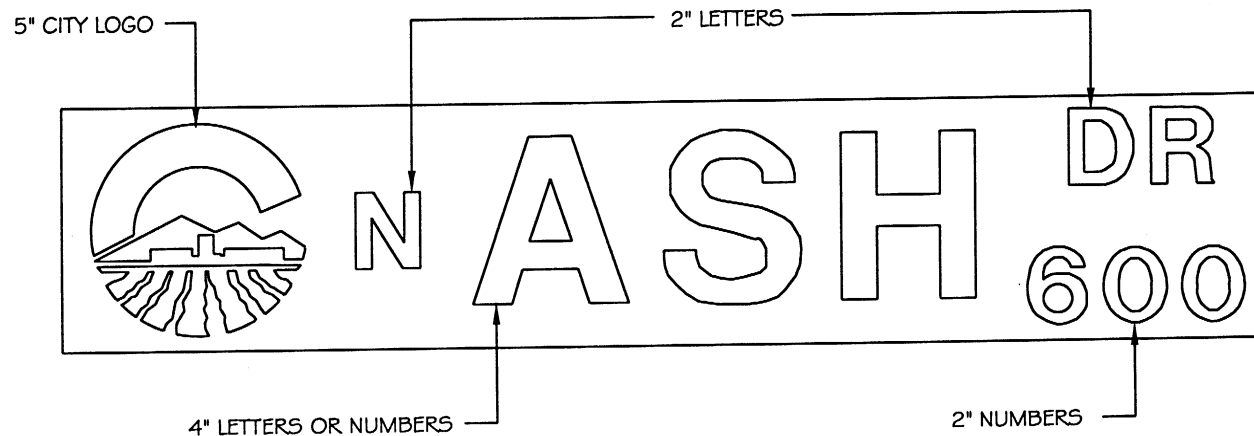
APPROVED:

DATE:

*[Signature]*  
CITY ENGINEER  
2/26/07

DETAIL NO.

**C-600**  
NTS



BLANKS - EXTRUDED ALUMINUM BLADES  
 MIN. 6"X18" MAX. 6"X48"  
 HS-1 OR VSS-1 EXTRUSION

BACKGROUND - 3M BROWN REFLECTIVE SHEETING  
 HIGH INTENSITY GRADE, CODE NO. 2279 S/L

MAXIMUM 4" LETTERS ON SIGN BLANK IS 14  
 PLUS LOGO AND HUNDRED BLOCK

4" LETTERS - 3M (PARKWAY WHITE) SERIES 'C'  
 2" LETTERS - 3M (PARKWAY WHITE) SERIES 'C'  
 HIGH INTENSITY GRADE

4" NUMBERS - 3M (PARKWAY WHITE) SERIES 'C'  
 2" NUMBERS - 3M (PARKWAY WHITE) SERIES 'C'  
 HIGH INTENSITY GRADE

CITY LOGO - 5" WHITE, PRESSURE SENSITIVE  
 HIGH INTENSITY GRADE MATERIAL

**C-601**  
 REPLACES  
**115A**

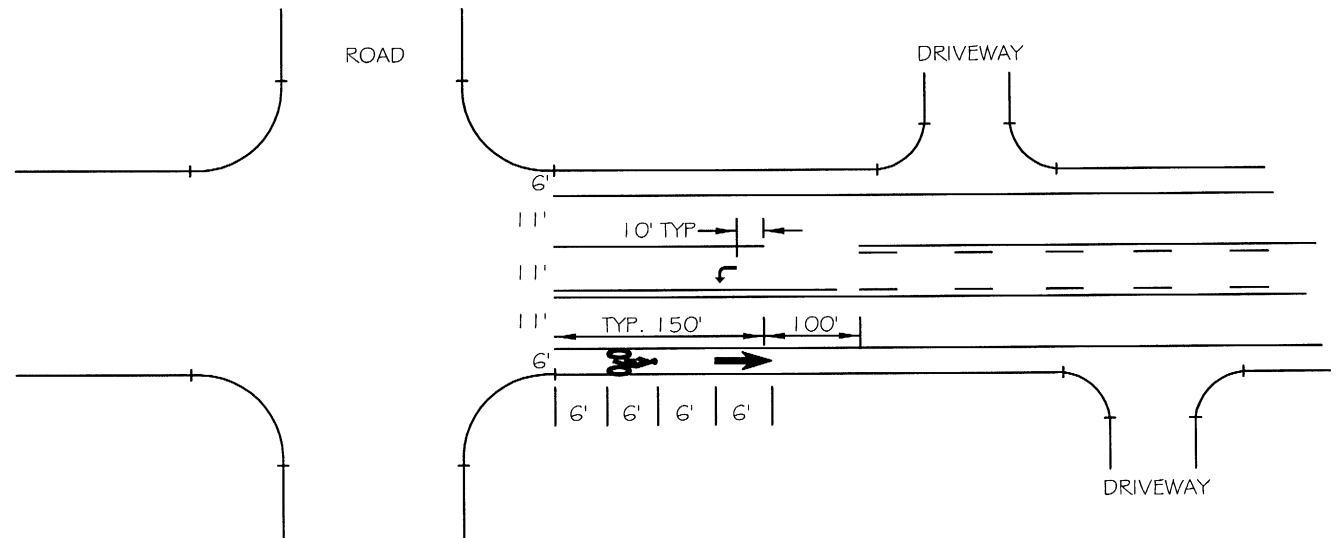
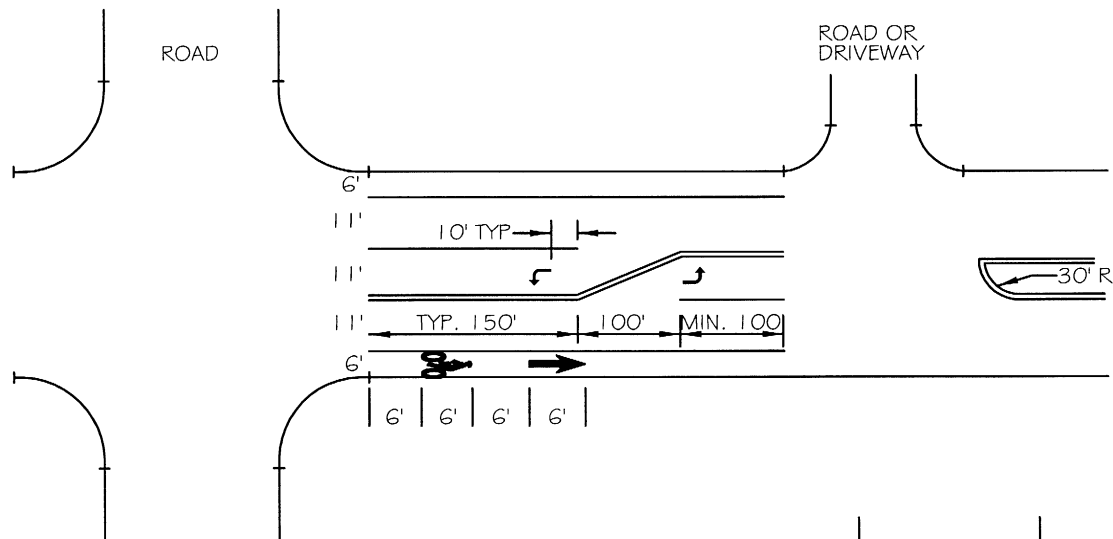


CITY OF  
 CHANDLER  
 STANDARD  
 DETAIL

**STREET NAME SIGNS**  
**(FOR PUBLIC STREETS)**

APPROVED: *[Signature]*  
 CITY ENGINEER  
 DATE: 11-19-99

DETAIL NO.  
**C-601**  
 NTS



# NOTES:

1. ALL DIMENSIONS TO BACK OF CURB.
2. DO NOT INSTALL REFLECTORS ON COLLECTOR ROADS.
3. INSTALL BIKE SYMBOL AND ARROW DOWNSTREAM FROM ALL INTERSECTIONS.
4. BREAK TWO-WAY LEFT TURN PAVEMENT MARKINGS FOR INTERSECTIONS. DO NOT BREAK FOR DRIVEWAYS.

DETAIL NO.  
**C-602**  
NTS

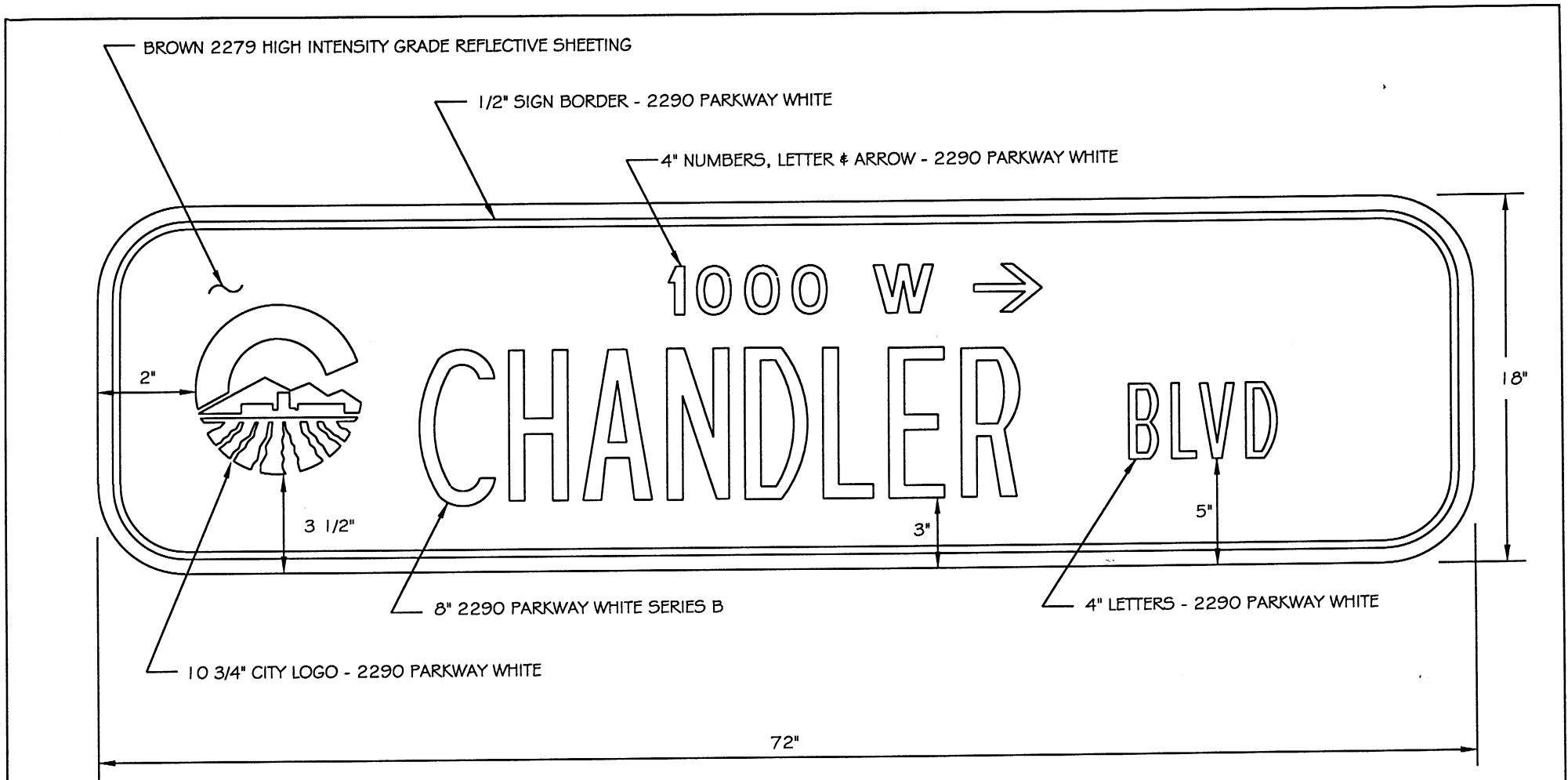


CITY OF  
CHANDLER  
STANDARD  
DETAIL

## COLLECTOR ROAD PAVEMENT MARKINGS

APPROVED: *[Signature]*  
CITY ENGINEER  
DATE: *January 21, 2002*

DETAIL NO.  
**C-602**  
NTS



NOTE:

1. METRO STREET NAME SIGNS TO BE INSTALLED AT ALL SIGNALIZED INTERSECTIONS.
2. ALL REFLECTIVE SHEETING SHALL BE "HIGH INTENSITY GRADE".

**C-603**  
REPLACES  
**116**



CITY OF  
CHANDLER  
STANDARD  
DETAIL

**METRO STREET NAME  
SIGN STANDARD**

APPROVED: *Bruce D. Johnson*  
CITY ENGINEER  
DATE: *11-17-99*

DETAIL NO.  
**C-603**  
NTS

1000 - 1010

4" NUMBERS

BLANKS - EXTRUDED ALUMINUM BLADES  
MIN. 6" x 18" MAX. 6" x 48" AS REQUIRED  
HS-1 OR VSS-1 EXTRUSION

4" NUMBERS - 3M (PARKWAY WHITE) SERIES 'C'  
HIGH INTENSITY GRADE

BACKGROUND - 3M BROWN REFLECTIVE SHEETING,  
HIGH INTENSITY GRADE, CODE NO. 2279 S/L

**C-604**  
REPLACES  
**113B**

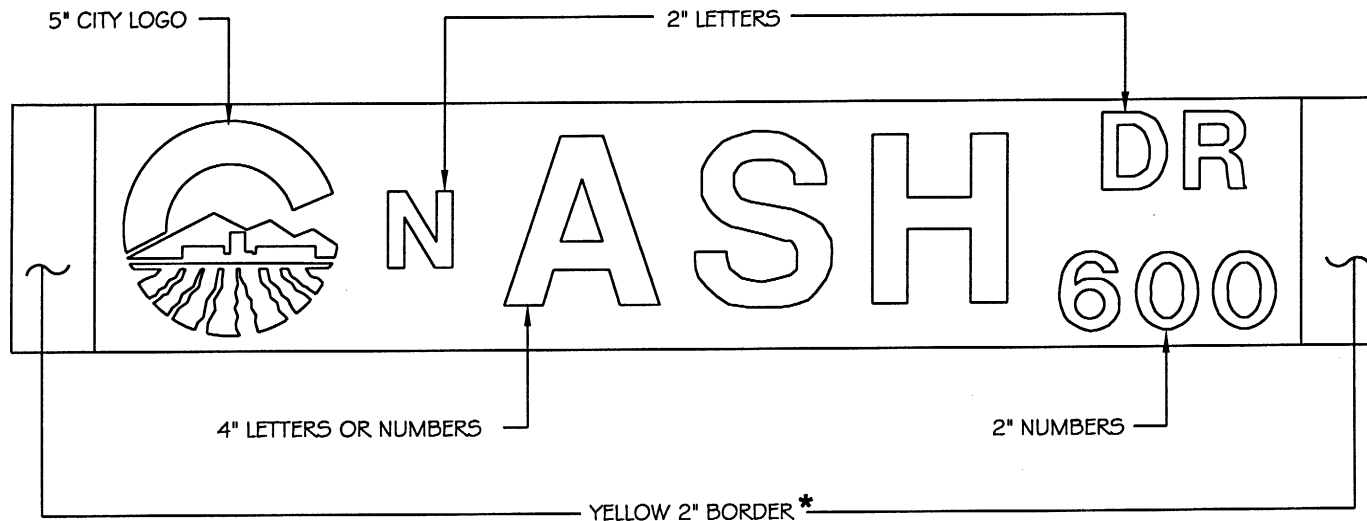


CITY OF  
CHANDLER  
STANDARD  
DETAIL

**ADDRESS IDENTIFICATION  
FOR CLUSTER DEVELOPMENTS**

APPROVED: Bryce D. Patterson  
CITY ENGINEER  
DATE: 11-19-99

DETAIL NO.  
**C-604**  
NTS



BLANKS - EXTRUDED ALUMINUM BLADES  
MIN. 6" x 18" MAX. 6" x 48" AS REQUIRED  
HS-1 OR VSS-1 EXTRUSION

BACKGROUND - 3M BROWN REFLECTIVE SHEETING  
HIGH INTENSITY GRADE, CODE NO. 2279 S/L

BORDER - 2" WIDE YELLOW, REFLECTIVE, HIGH  
INTENSITY GRADE PRESSURE SENSITIVE MATERIAL

4" LETTERS - 3M (PARKWAY WHITE) SERIES 'C'  
2" LETTERS - 3M (PARKWAY WHITE) SERIES 'C'  
HIGH INTENSITY GRADE

4" NUMBERS - 3M (PARKWAY WHITE) SERIES 'C'  
2" NUMBERS - 3M (PARKWAY WHITE) SERIES 'C'  
HIGH INTENSITY GRADE

CITY LOGO - 5" WHITE, PRESSURE SENSITIVE,  
HIGH INTENSITY GRADE REFLECTIVE MATERIAL

\*USED ONLY TO DELINEATE PRIVATE STREETS.  
NO YELLOW BORDER FOR SIGNS ON PUBLIC STREETS.

**C-605**  
REPLACES  
**113A**



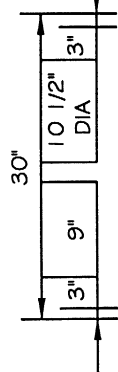
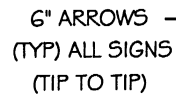
CITY OF  
CHANDLER  
STANDARD  
DETAIL

**STREET NAME SIGNS**  
**(FOR PRIVATE STREETS)**

APPROVED: Bryan D. Patterson  
CITY ENGINEER  
DATE: 11-19-99

DETAIL NO.  
**C-605**  
NTS

MOUNTING BRACKET IS ON  
THIS SIDE OF SIGN CABINET



F96T12CW/HO LAMPS  
51-792R SIGN BALLAST  
BI-PIN LAMP SOCKETS OPERATED BY PHOTOCELL  
ON POWER METER PEDESTAL;  
SAME CIRCUIT AS STREETLIGHTS ON SIGNAL POLES



— STANDARD SPACING FOR ADDRESS NUMERALS

MOUNTING BRACKET IS ON  
THIS SIDE OF SIGN CABINET

COPY TO BE CENTERED WITHIN THIS AREA EXCEPT WHEN THE AMOUNT OF  
CHARACTERS EXCEEDS THE ALLOWABLE SPACE. SPACING HAS BEEN INCREASED BY 70% WHEN ALLOWABLE.

CABINET: EXTRUDED ALUMINUM 12" DEEP PRIMED AND PAINTED M.A.P. #41-342 BRUSHED ALUMINUM, SATIN FINISH. INCLUDE HINGED FACE WITH PROP ROD FOR SERVICE. RETAINERS PRIMED AND PAINTED SIMILARLY.

FACES: 3/16" THICK FLAT WHITE LEXAN WITH 1ST SURFACE APPLIED VINYL AS FOLLOWS:

ENTIRE BACKGROUND: #230-59 DARK BROWN

SKY SEMI-CIRCLE SHAPE: #230-35 DARK BLUE

MOUNTAINS: #230-61 SLATE GREY

FURROWS: #230-49 BURGUNDY

ALL COPY AND CIRCULAR BACKGROUND FOR THE LOGO ARE WHITE LEXAN FACES SHOWING THROUGH.

TYPESTYLE: HELVETICA MEDIUM U & 1/2 STD. SPACING FOR THE ADDRESS NUMERALS AND OPENED-UP SPACING FOR THE STREET NAMES IF ALLOWABLE

ILLUMINATION: FLUORESCENT INTERNAL 800 M.A. AS REQUIRED.

**C-606**  
**REPLACES**  
**110**



CITY OF  
CHANDLER  
STANDARD  
DETAIL

## INTERNALLY ILLUMINATED STREET NAME SIGN

APPROVED:

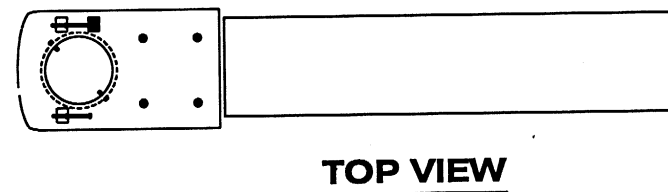
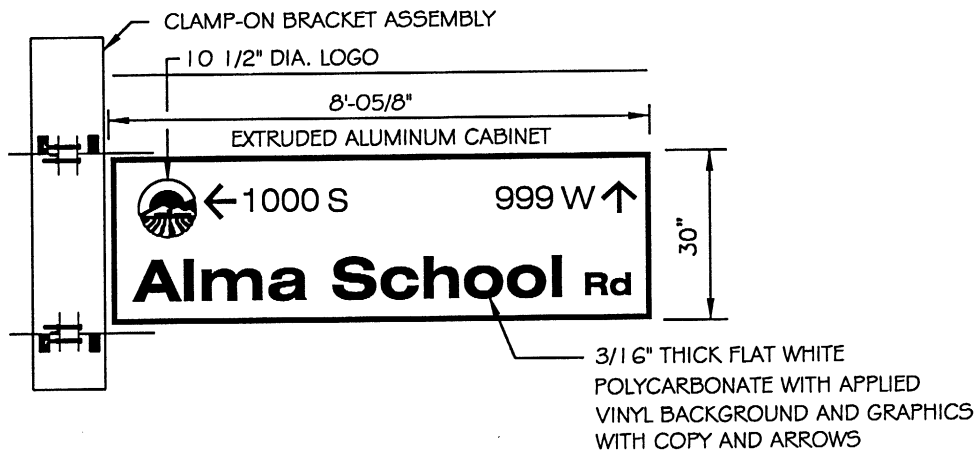
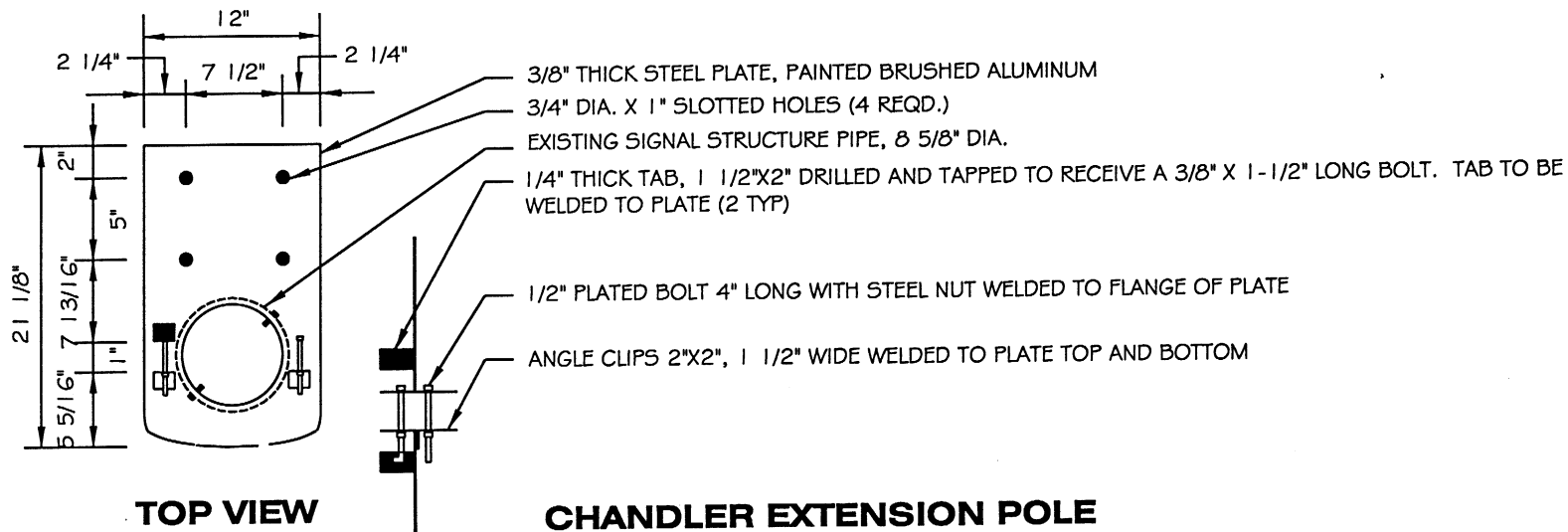
DATE: 11-19-99

CITY ENGINEER

DETAIL NO.

**C-606**  
NTS





**C-607**  
 REPLACES  
**110A**

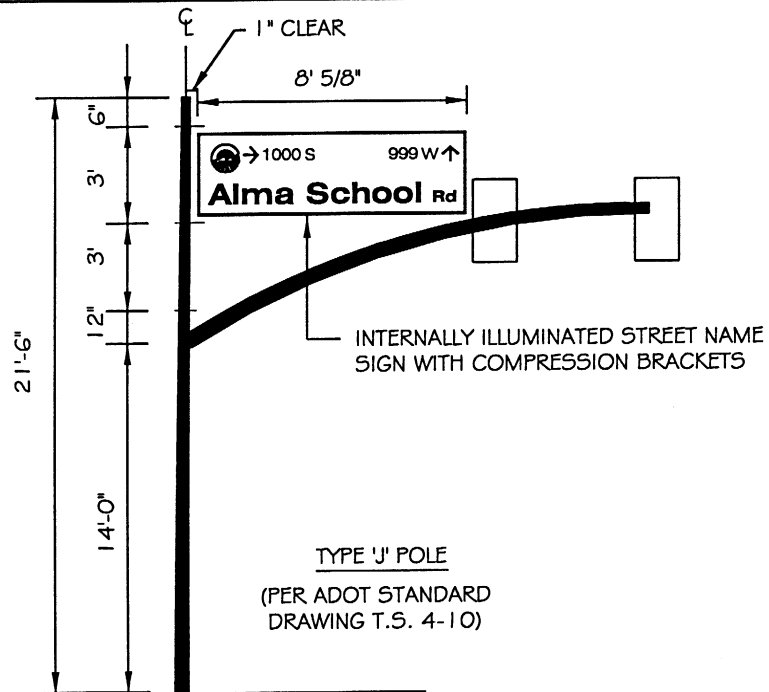


CITY OF  
 CHANDLER  
 STANDARD  
 DETAIL

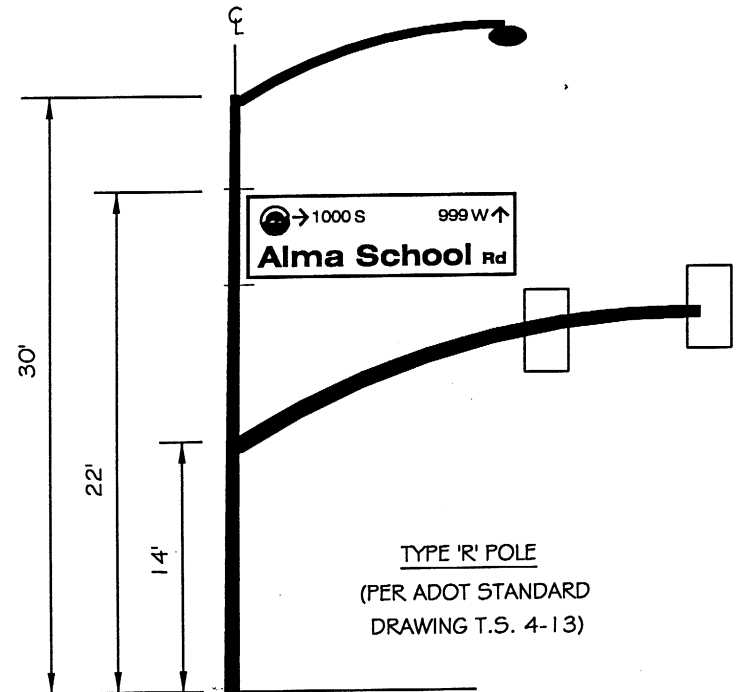
**INTERNALLY ILLUMINATED STREET  
 NAME SIGN - BRACKET ASSEMBLY**

APPROVED: *Bryant D. Patterson*  
 CITY ENGINEER  
 DATE: *11-19-99*

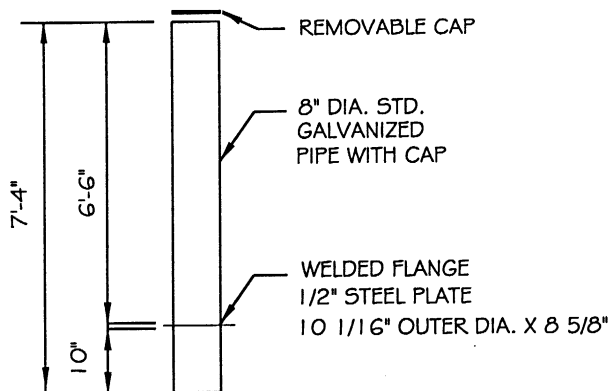
DETAIL NO.  
**C-607**  
 NTS



**ELEVATION**



**ELEVATION**



**EXTENSION BRACKET DETAIL**

**C-608**  
**REPLACES**  
**110B**

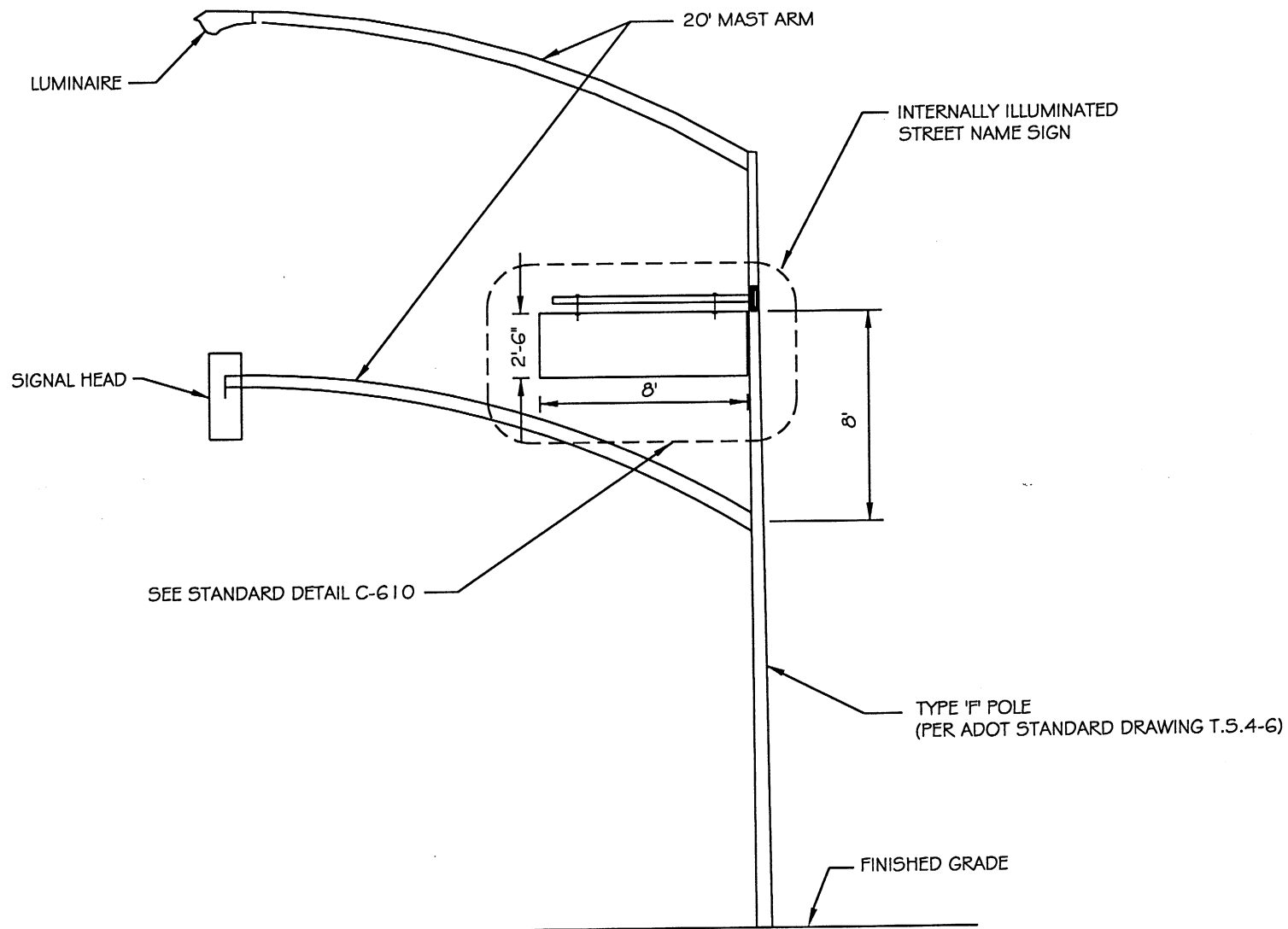


CITY OF  
CHANDLER  
STANDARD  
DETAIL

**INTERNALLY ILLUMINATED STREET  
NAME SIGN - J/R POLE MOUNTING**

APPROVED: *Bryan D. Patterson*  
CITY ENGINEER  
DATE: *11-19-99*

DETAIL NO.  
**C-608**  
NTS



**C-609**  
REPLACES  
**110C**

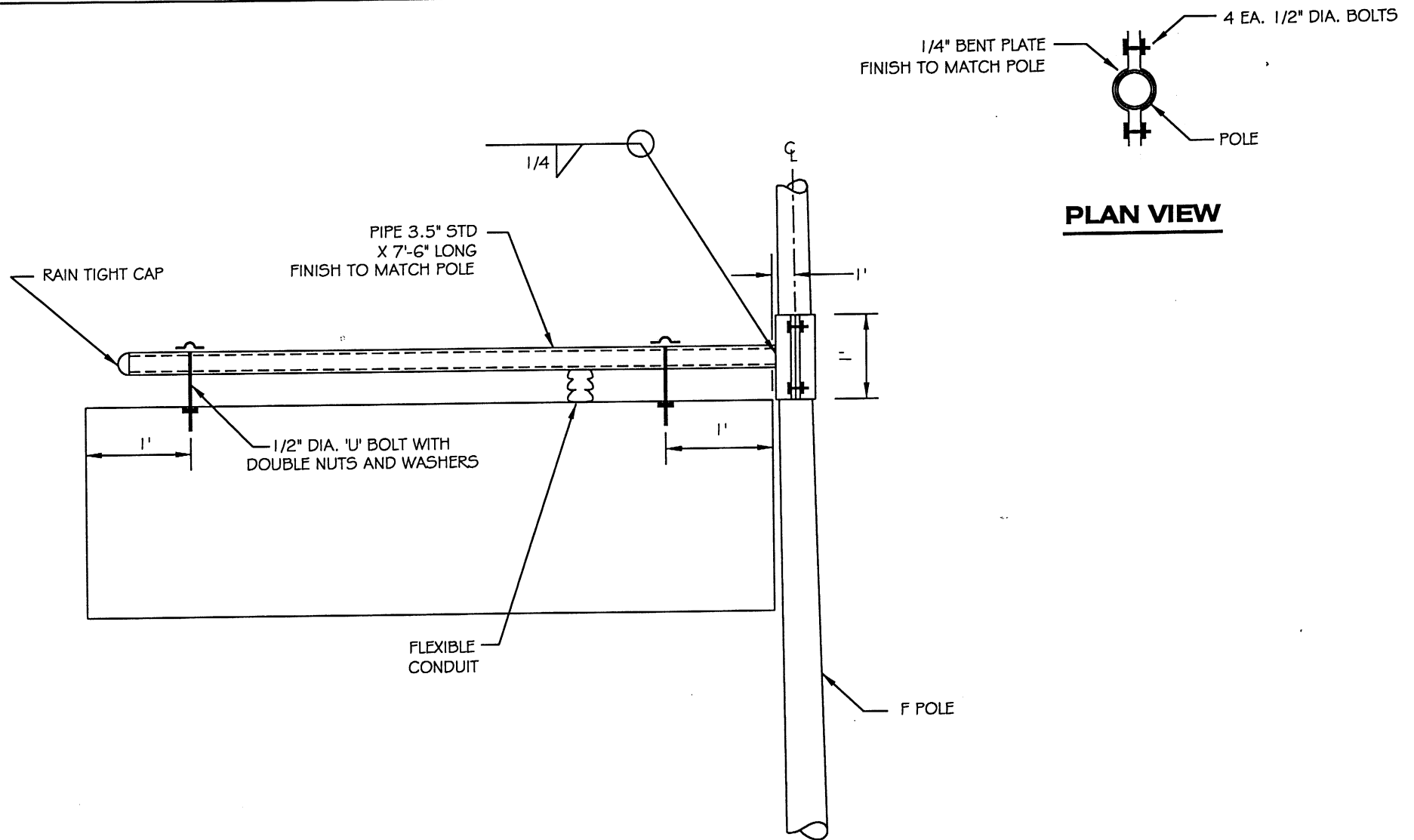


CITY OF  
CHANDLER  
STANDARD  
DETAIL

**INTERNALLY ILLUMINATED STREET  
NAME SIGN - F POLE MOUNTING**

APPROVED: *Dwight A. Patterson*  
CITY ENGINEER  
DATE: *11-19-99*

DETAIL NO.  
**C-609**  
NTS



NOTE:

FINISHED SIGN SHALL BE ABLE TO SWING ABOUT MAST.

**C-610**  
REPLACES  
**110D**



CITY OF  
CHANDLER  
STANDARD  
DETAIL

**INTERNALLY ILLUMINATED  
STREET NAME SIGN  
F POLE MOUNTING DETAIL**

APPROVED:

*Bryan D. Peterson*  
CITY ENGINEER

DATE: *11-19-99*

DETAIL NO.

**C-610**

NTS



COLOR: BLUE COPY - WHITE BACKGROUND  
USE HIGH INTENSITY GRADE REFLECTIVE SHEETING

**C-611**  
**REPLACES**  
**60**

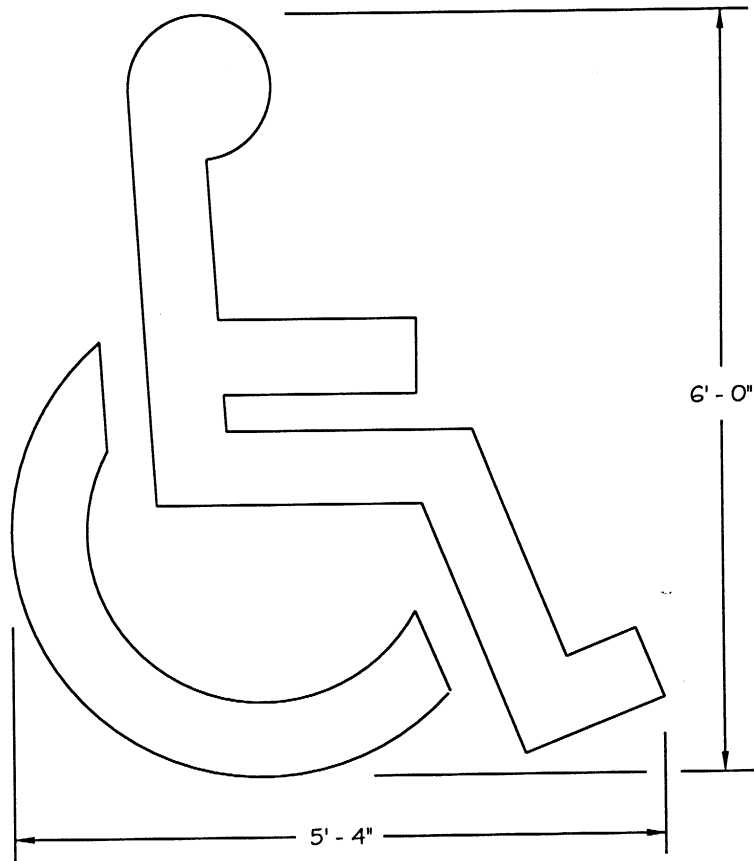


CITY OF  
CHANDLER  
STANDARD  
DETAIL

**HANDICAP PARKING SPACE SIGN**

APPROVED: *[Signature]*  
CITY ENGINEER  
DATE: *11-19-99*

DETAIL NO.  
**C-611**  
NTS



NOTES:

1. PAVEMENT MARKINGS SHALL BE WHITE.
2. HANDICAPPED PARKING SPACE FOR A CAR SHALL BE 13 FEET WIDE AND 19 FEET LONG.
3. HANDICAPPED PARKING SPACE FOR A VAN SHALL BE 16 FEET WIDE AND 19 FEET LONG.

**C-612**  
**REPLACES**  
**61**

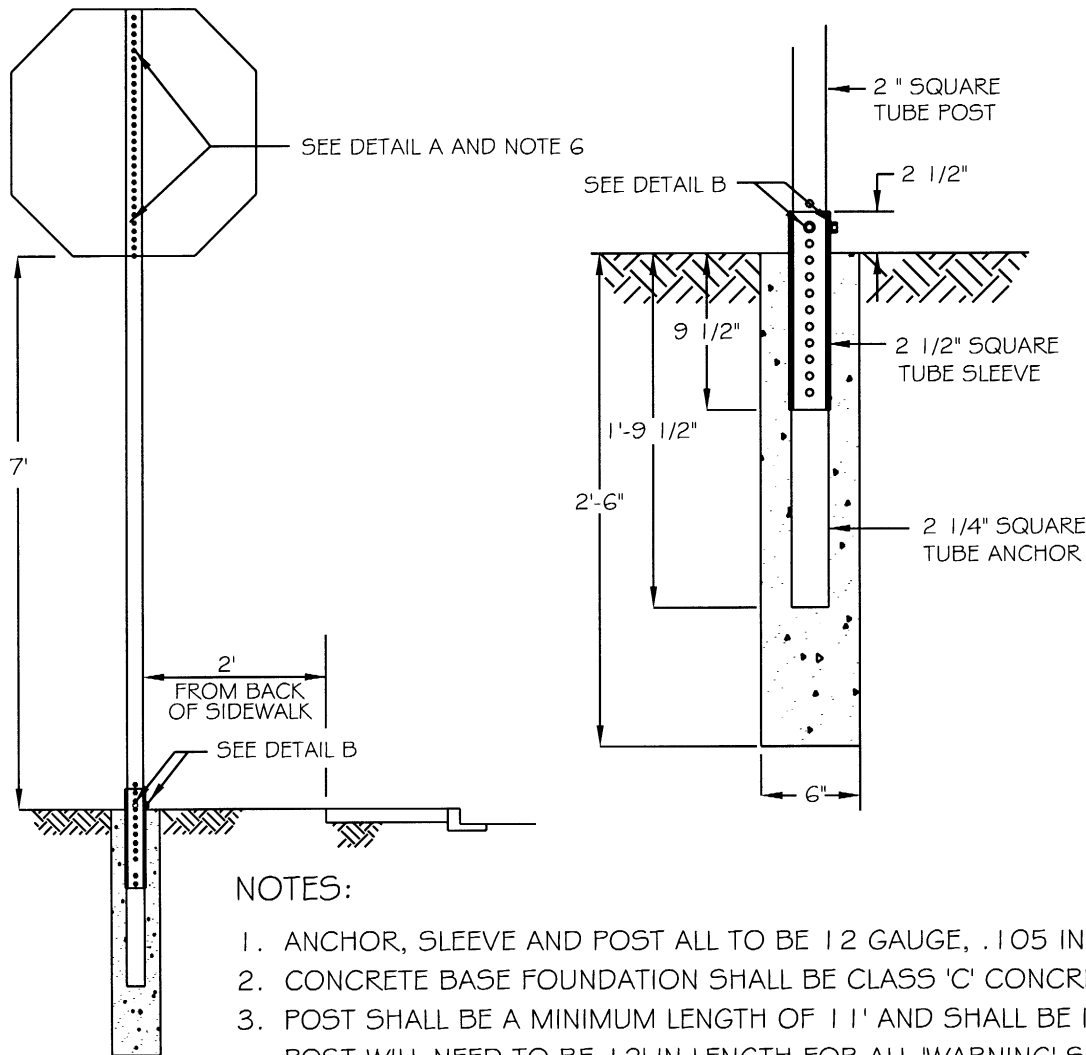


CITY OF  
CHANDLER  
STANDARD  
DETAIL

**HANDICAP PAVEMENT  
MARKING SYMBOL**

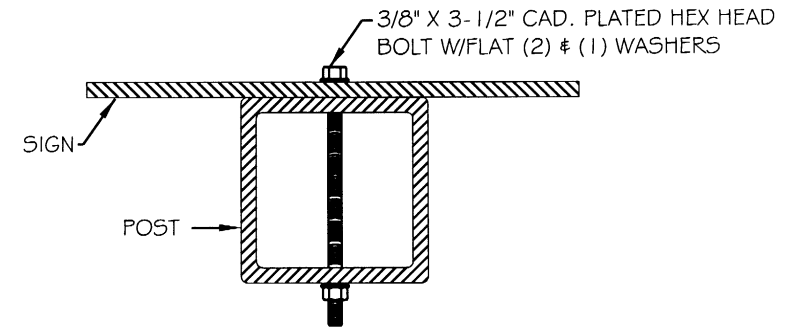
APPROVED: *Dan D. Patterson*  
CITY ENGINEER  
DATE: *11-19-99*

DETAIL NO.  
**C-612**  
NTS

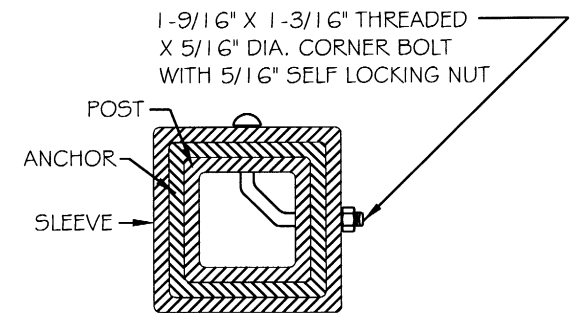


#### NOTES:

1. ANCHOR, SLEEVE AND POST ALL TO BE 12 GAUGE, .105 INCH GALVANIZED STEEL.
2. CONCRETE BASE FOUNDATION SHALL BE CLASS 'C' CONCRETE AS PER MAG STANDARD SPECIFICATIONS SEC. 505 + 725.
3. POST SHALL BE A MINIMUM LENGTH OF 11' AND SHALL BE INSERTED NOT LESS THAN 12" INTO THE ANCHOR. POST WILL NEED TO BE 12' IN LENGTH FOR ALL 'WARNING' SIGN INSTALLATIONS.
4. THE FRONT AND BACK SIDES OF POST SHALL HAVE 7/16" HOLES PUNCHED ON 1" CENTERS FOR THE TOP 30" AND THE BOTTOM 12" ONLY.
5. ANCHOR SHALL HAVE HOLES PUNCHED FOR THE TOP 3" ONLY AND BOTTOM TAPED TO PREVENT CONCRETE FROM SEEPING IN DURING INSTALLATION.
6. THE POST SHALL HAVE NO HOLES AT THE TOP 30" WHEN INSTALLING STREET NAME SIGNS ONLY.



SIGN MOUNTING  
**DETAIL A**



ANCHOR ASSEMBLY  
**DETAIL B**

**C-613**  
REPLACES  
**40**



CITY OF  
CHANDLER  
STANDARD  
DETAIL

### SIGN POST AND BASE

APPROVED:

DATE:

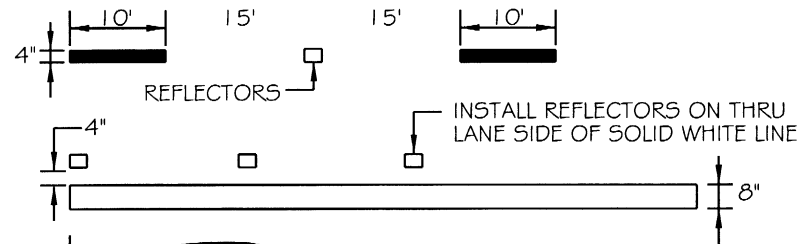
*Eliza D. Lutz*  
CITY ENGINEER

DETAIL NO.

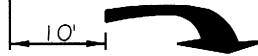
**C-613**

NTS

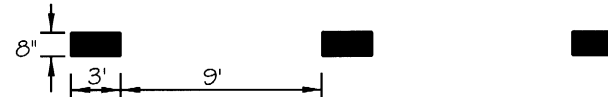
## LANE LINE



## TURN LANE



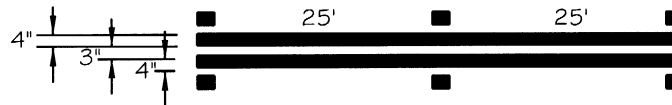
## LANE DROP



## EDGE LINES

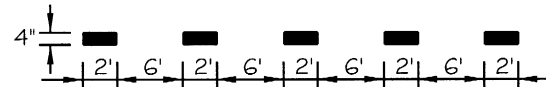


## DOUBLE YELLOW

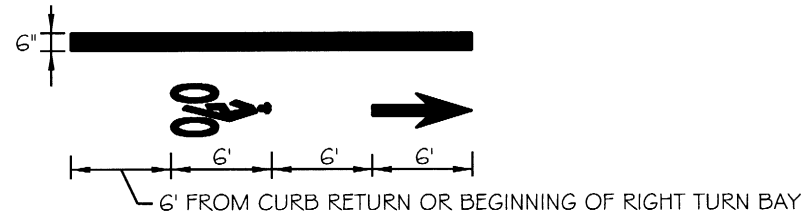


## GUIDE LINES

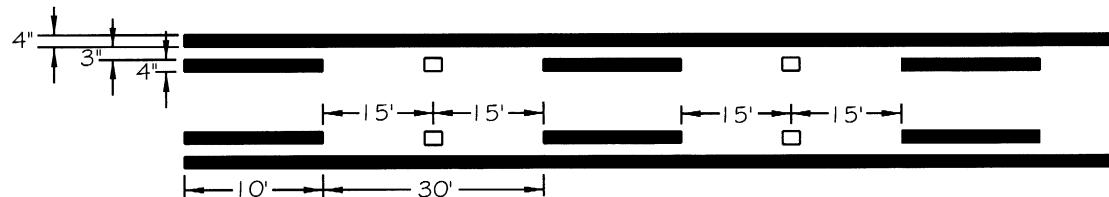
THRU INTERSECTIONS



## BIKE LANE



## TWO-WAY LEFT TURN LANE



NOTE: ALL CROSS WALKS, STOP BARS, MINI-SKIPS, AND TURN LANE MARKINGS SHALL BE THERMOPLASTIC.

DETAIL NO.

**C-614**

NTS



CITY OF  
CHANDLER  
STANDARD  
DETAIL

## PAVEMENT MARKING DETAILS

APPROVED:

DATE:

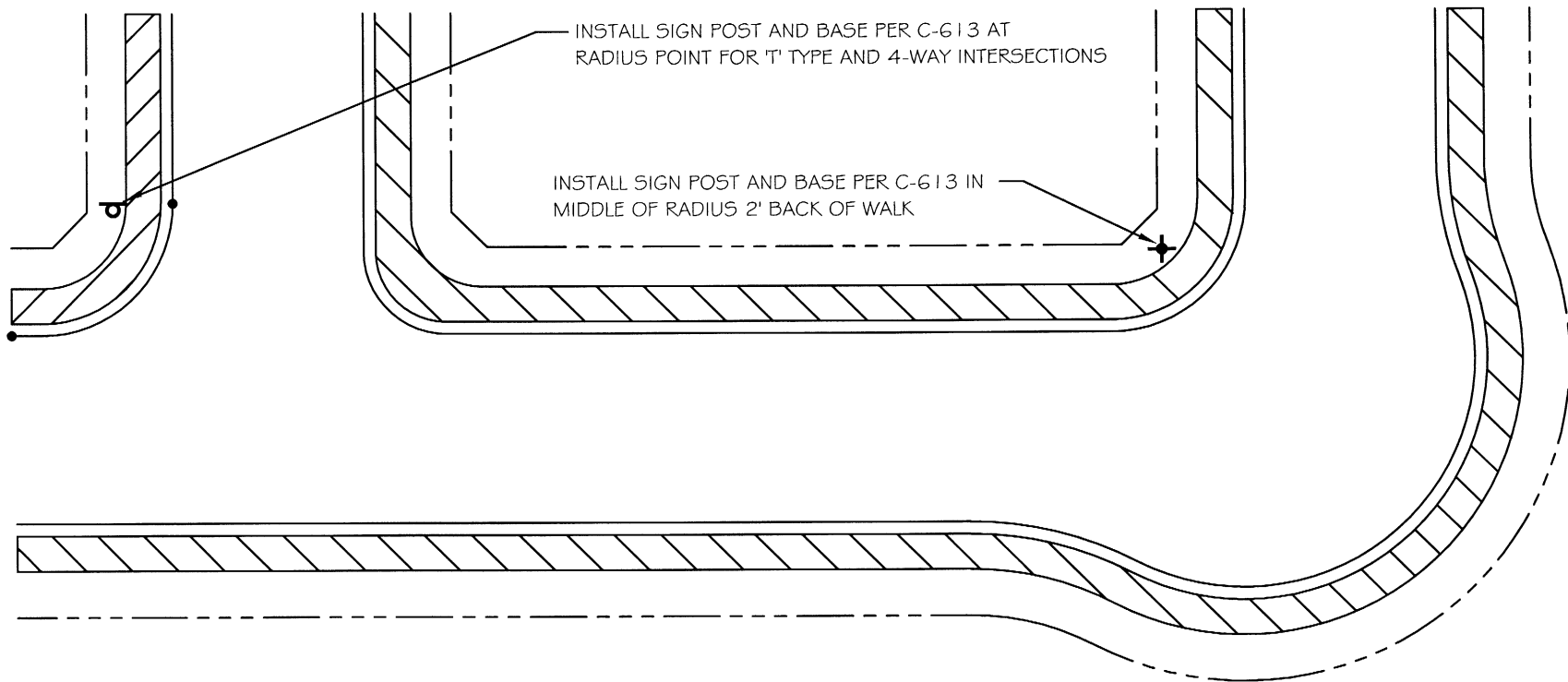
*Elizabeth Kirk*  
CITY ENGINEER  
2/29/07

DETAIL NO.

**C-614**

NTS





**C-615**



CITY OF  
CHANDLER  
STANDARD  
DETAIL

**SIGN POST AND BASE LOCATIONS  
FOR RESIDENTIAL STREETS**

APPROVED:

*Elizabeth W. Smith*  
CITY ENGINEER

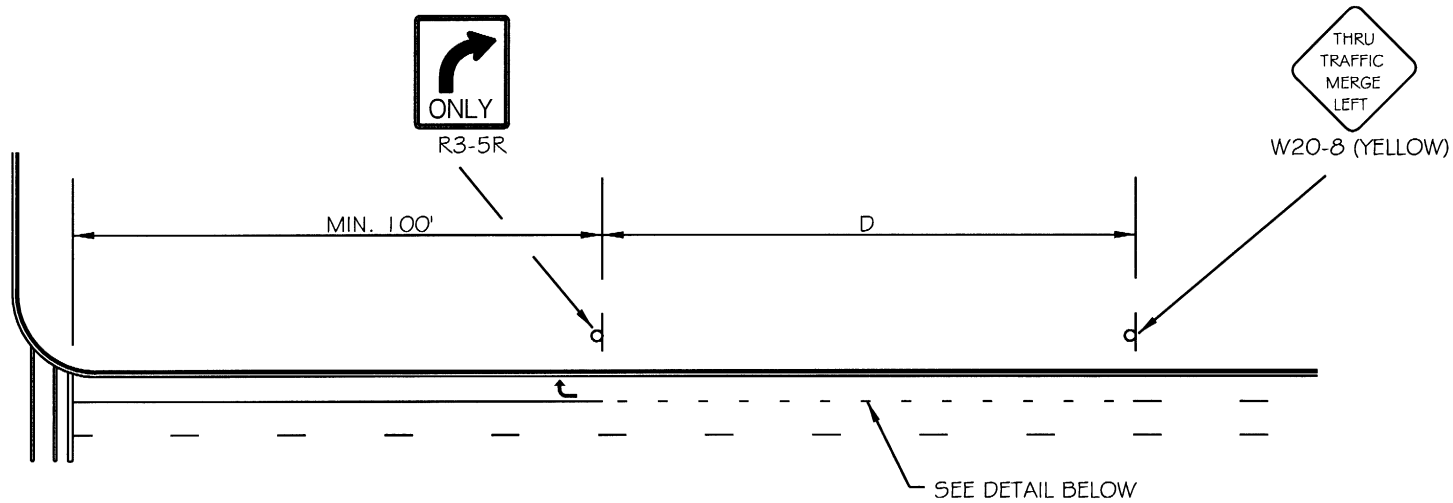
DATE:

*January 11, 2002*

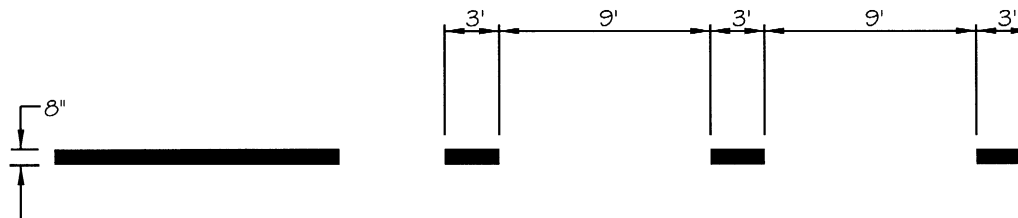
DETAIL NO.

**C-615**

NTS



SPEED LIMIT	D* (FT)
20	175
25	250
30	325
35	400
40	475
45	550
50	625
55	700
60	775



DETAIL A: FROM MUTCD FIGURE 3B-10

\*FROM MUTCD TABLE 2C-4

DETAIL NO.

**C-616**

NTS



CITY OF  
CHANDLER  
STANDARD  
DETAIL

## RIGHT TURN LANE DROP

APPROVED:

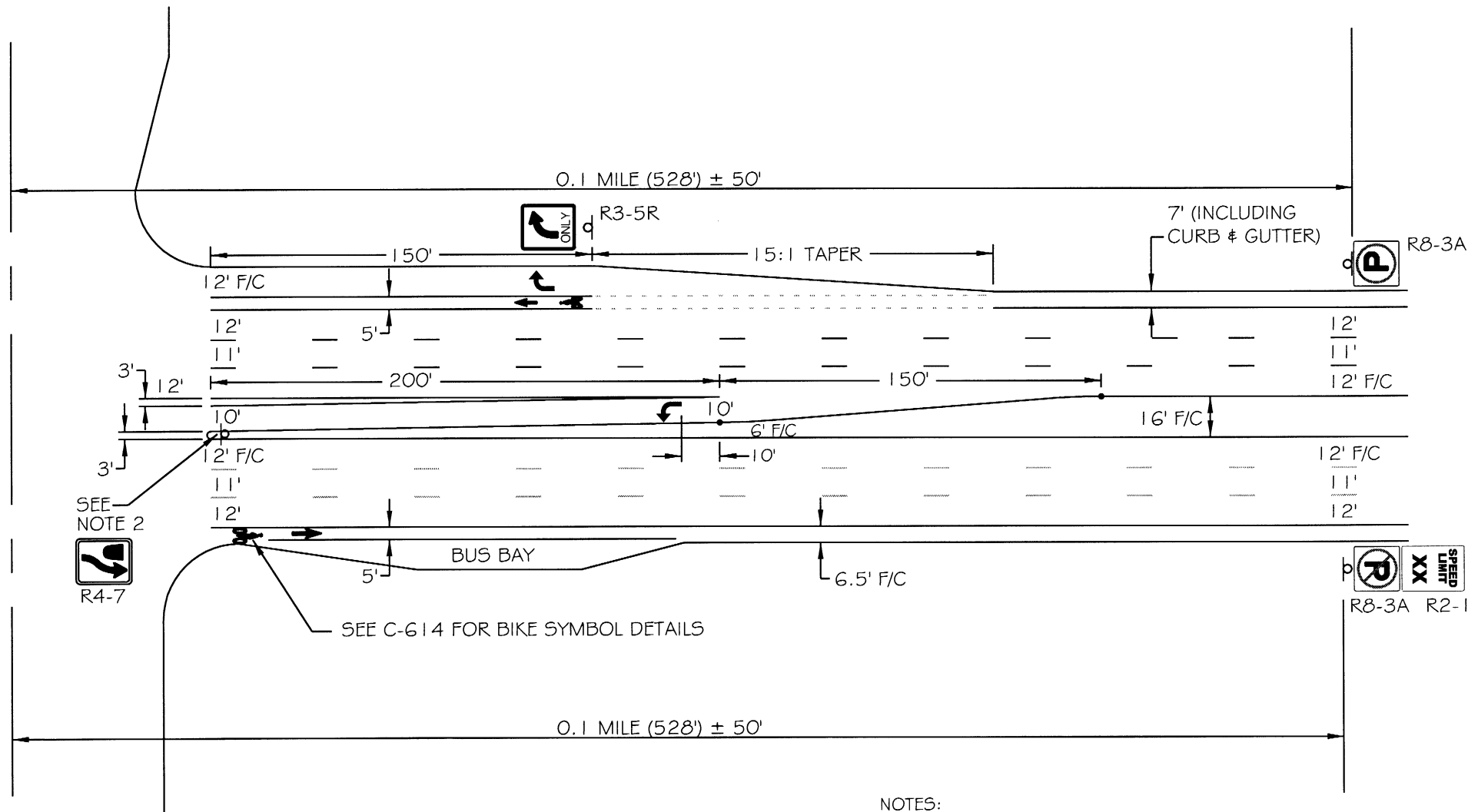
DATE: 2/24/07

CITY ENGINEER

DETAIL NO.

**C-616**

NTS



NOTES:  
 1. INSTALL KEEP RIGHT (R4-7) ONLY IF MEDIAN IS BEING INTRODUCED AT THIS POINT ALONG THE ARTERIAL ROAD OR AT SIGNALIZED INTERSECTIONS

DETAIL NO.  
**C-618**  
 NTS



CITY OF  
 CHANDLER  
 STANDARD  
 DETAIL

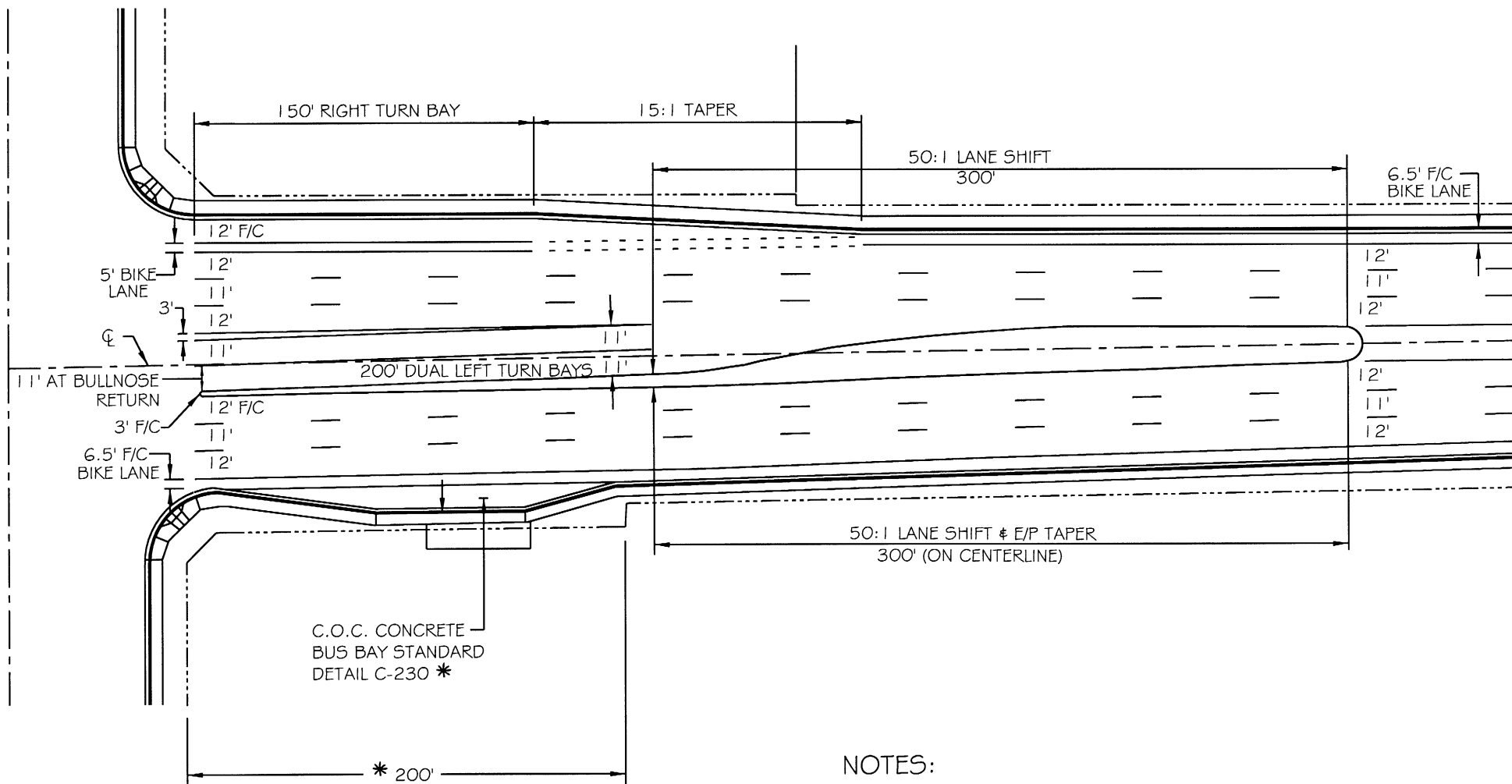
# TYPICAL SIGNS AND MARKINGS ARTERIAL ROAD

APPROVED:

DATE:

*Elizabeth L. L...*  
 CITY ENGINEER  
 2/26/07

DETAIL NO.  
**C-618**  
 NTS



#### NOTES:

50 : 1 TAPERS FOR REDIRECTION OF THROUGH LANES  
 15 : 1 TAPERS FOR RIGHT TURN BAY APPROACHES  
 ALL DIMENSIONS TO CENTER OF LANE LINE UNLESS  
 OTHERWISE NOTED

DETAIL NO.

**C-619**

NTS



CITY OF  
CHANDLER  
STANDARD  
DETAIL

### TYPICAL LANE WIDTHS - ARTERIAL ROAD WITH DOUBLE LEFT TURNS

APPROVED:

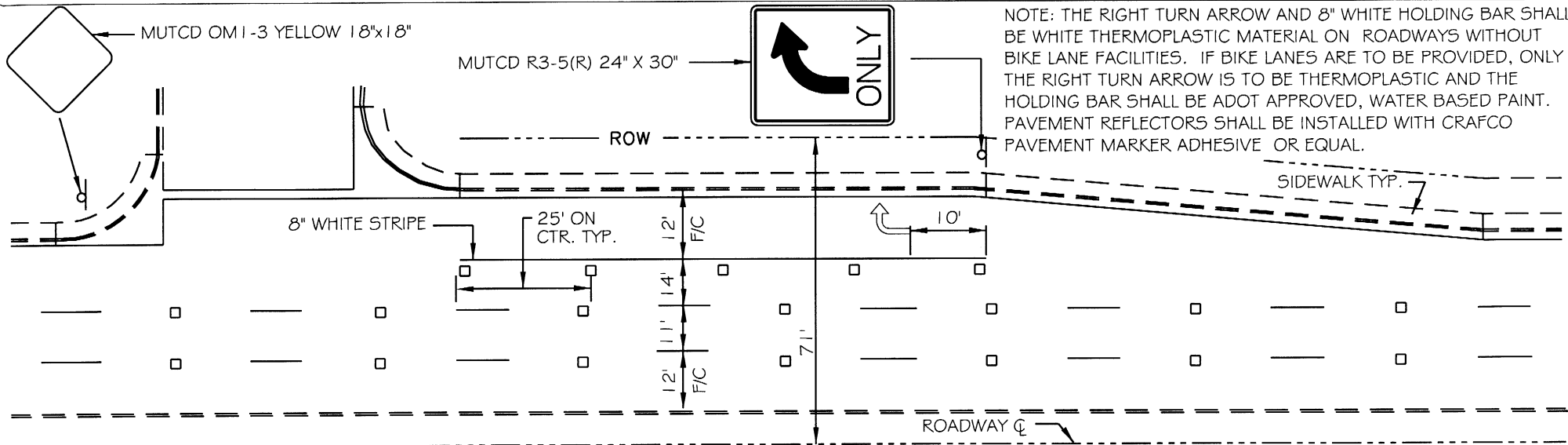
DATE:

*[Signature]*  
CITY ENGINEER  
2/26/07

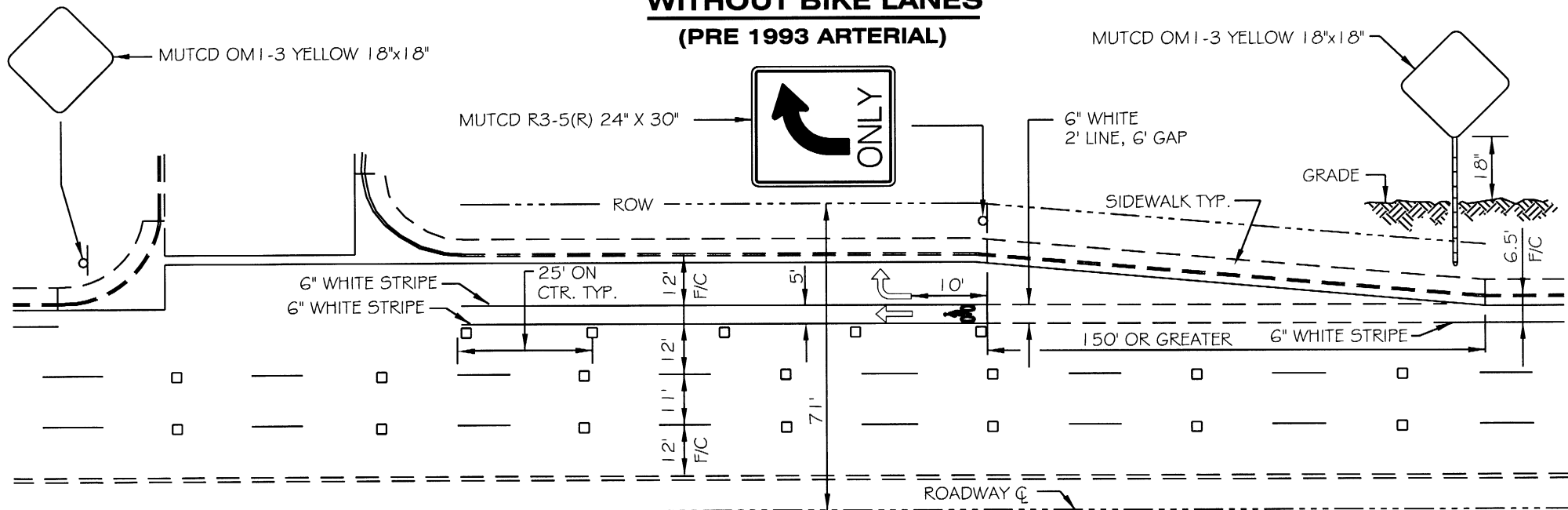
DETAIL NO.

**C-619**

NTS



**WITHOUT BIKE LANES**  
**(PRE 1993 ARTERIAL)**



**WITH BIKE LANES**

DETAIL NO.

**C-620**

NTS



CITY OF  
CHANDLER  
STANDARD  
DETAIL

**MAJOR ARTERIAL DECELERATION  
LANE SIGNING AND STRIPING**

APPROVED:

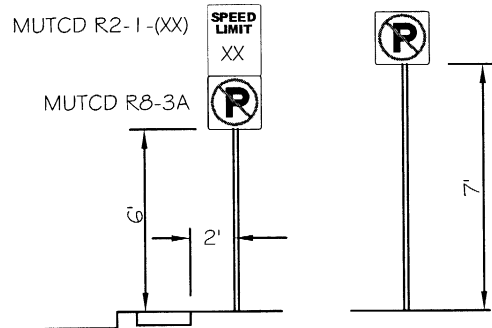
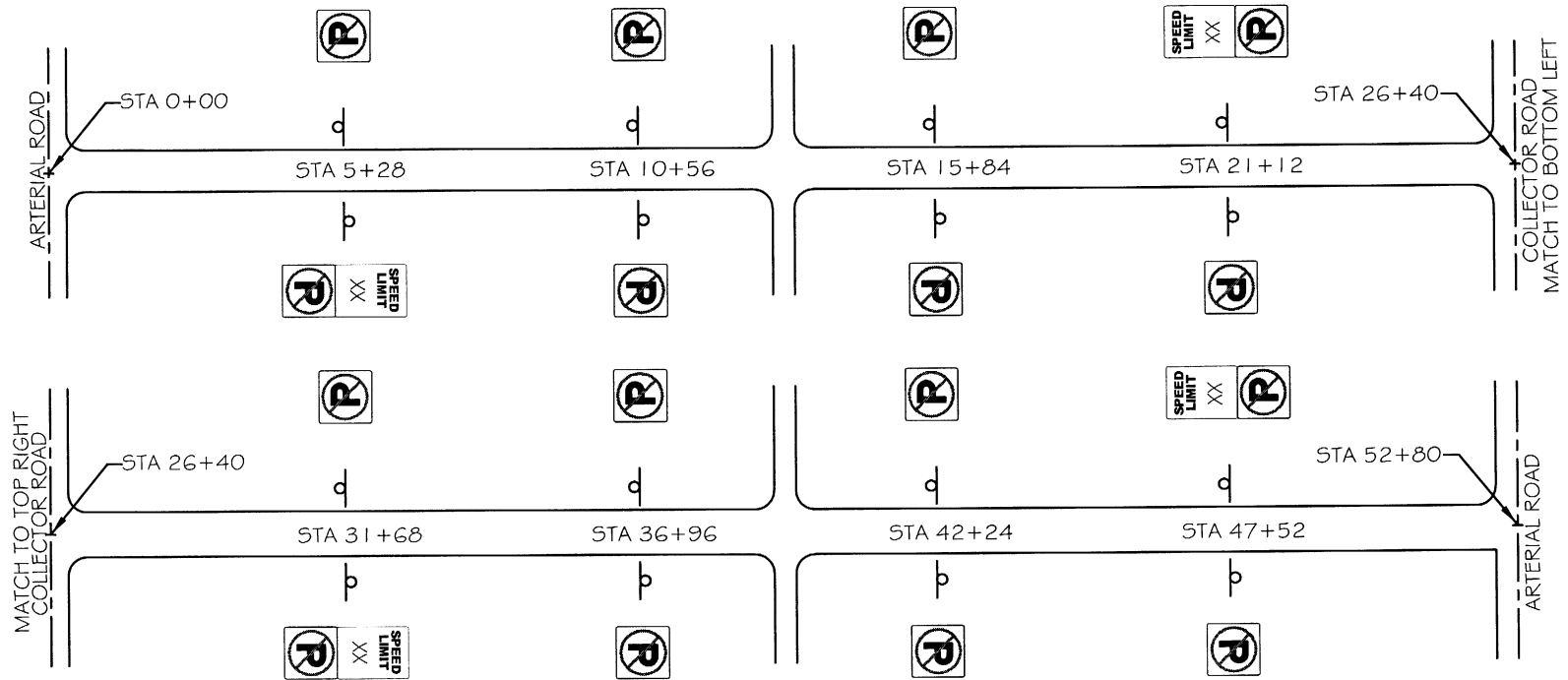
DATE:

*[Signature]*  
CITY ENGINEER  
2/26/07

DETAIL NO.

**C-620**

NTS



NOTE: SIGNING SHOWN ONLY REPRESENTS THE PLACEMENT OF THE NO-PARKING AND SPEED LIMIT SIGNS. ADDITIONAL SIGNING MAY BE REQUIRED DEPENDING ON EACH INDIVIDUAL SITUATION.

THE SPACING OF THE NO-PARKING SIGNS SHOULD BE 528' (1/10 MILE) APART, BUT MAY VARY UP TO 50' IF SIGN CAN BE MOUNTED ONTO A EXISTING POLE OR A STREET LIGHT POLE.

NO-PARKING SIGNS SHALL BE 24"x24" UNLESS OTHERWISE NOTED.

SPEED LIMIT SHALL BE DETERMINED BY THE CITY ENGINEER AND THE SIGN SHALL BE 24"x30" IN SIZE. THERE SHALL BE 4 SPEED LIMIT SIGNS PER MILE AS SHOWN ABOVE.

DETAIL NO.  
**C-621**  
NTS



CITY OF  
CHANDLER  
STANDARD  
DETAIL

## ARTERIAL SIGNAGE

APPROVED: *Elizabeth Williams*  
CITY ENGINEER  
DATE: *January 11, 2002*

DETAIL NO.  
**C-621**  
NTS

SEE INTERSECTION STRIPING DETAIL FOR STRIPING WIDTHS AND NOTES ON STRIPING AND REFLECTOR MATERIAL SPECIFICATIONS.

Diagram illustrating the striping and reflector specifications for a two-lane road intersection. The diagram shows the lane widths (10', 12', 14') and the reflector spacing (25' O.C. TYP.). The reflector dimensions are specified as 3" and 4". The diagram also shows the intersection striping detail, including the 40' width and the 10', 15', and 15' dimensions.

PAVEMENT REFLECTOR (PRISMATIC REFLECTOR)

YELLOW WHITE

INSTALL WITH

YELLOW      WHITE



FOR TAPER LENGTHS SEE TABLE 3,  
STREET DESIGN AND ACCESS CONTROL MANUAL

50' TYP.

25' TYP.

The diagram illustrates a tapered median configuration. It shows a cross-section of a road with a central median that tapers from left to right. The median is flanked by travel lanes. Dimensions are indicated: a 50-foot typical width for the outer lanes and a 25-foot typical width for the inner lanes. A reference to Table 3 in the Street Design and Access Control Manual is provided for taper lengths.

# C-622

## ARTERIAL ROADWAY MARKINGS (W/O MEDIANS)

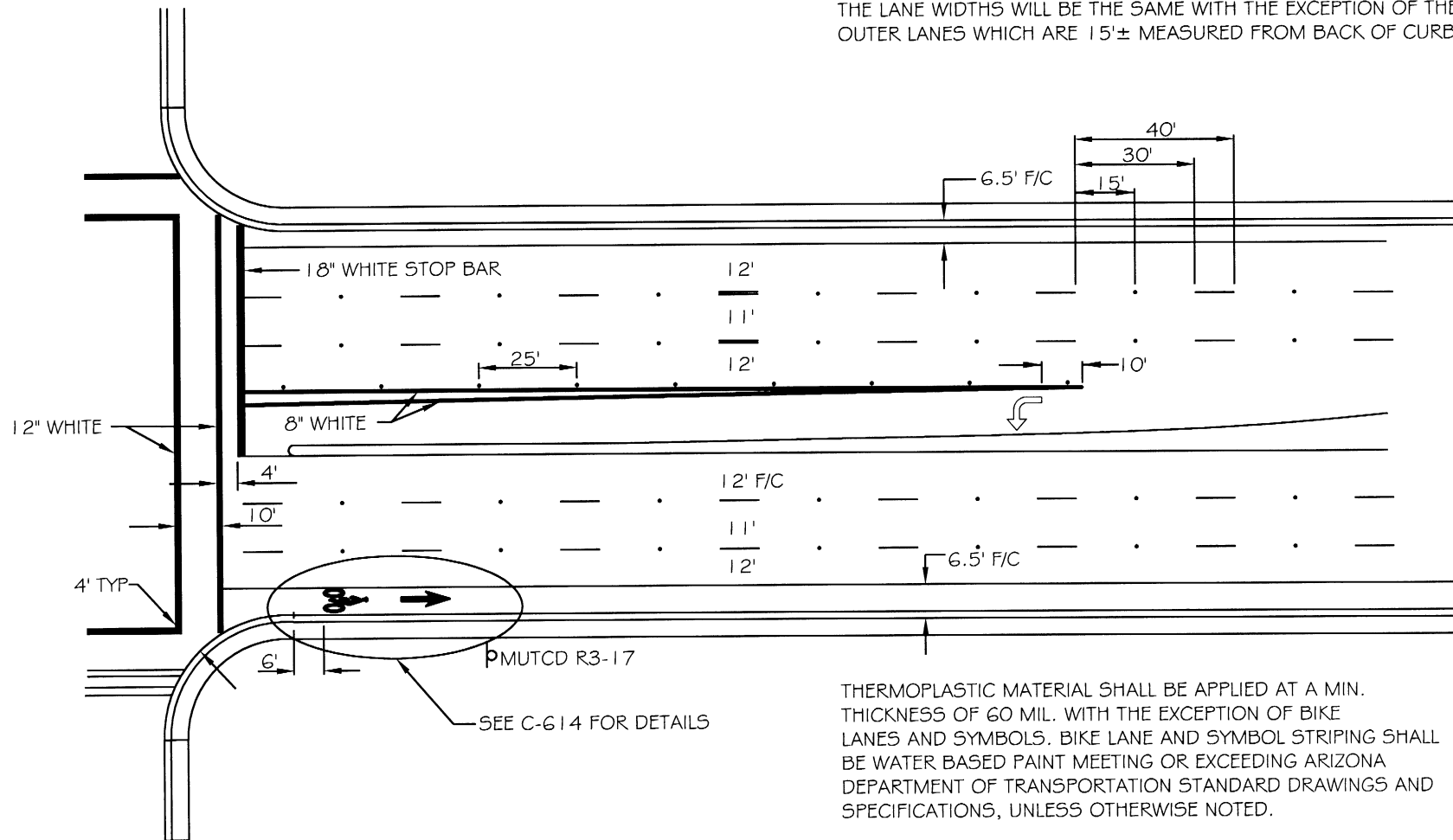
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CITY ENGINEER

**C-622**

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ROADWAYS WITHOUT BIKE LANES WILL HAVE DIFFERENT CROSS-SECTION.  
THE LANE WIDTHS WILL BE THE SAME WITH THE EXCEPTION OF THE  
OUTER LANES WHICH ARE 15'± MEASURED FROM BACK OF CURB.



THERMOPLASTIC MATERIAL SHALL BE APPLIED AT A MIN. THICKNESS OF 60 MIL. WITH THE EXCEPTION OF BIKE LANES AND SYMBOLS. BIKE LANE AND SYMBOL STRIPING SHALL BE WATER BASED PAINT MEETING OR EXCEEDING ARIZONA DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS AND SPECIFICATIONS, UNLESS OTHERWISE NOTED.

PAVEMENT REFLECTORS SHALL BE INSTALLED WITH CRAFCO PAVEMENT MARKER ADHESIVE, OR EQUAL. ALL PAVEMENT REFLECTORS SHALL BE WHITE WITH THE PRISMATIC REFLECTIVE SURFACE FACING ONCOMING TRAFFIC.

NTS



CITY OF  
CHANDLER  
STANDARD  
DETAIL

## INTERSECTION MARKINGS (WITH MEDIANS)

DATE:

ED: G. J. L. L. L.  
CITY ENGINEER  
2/26/07

NTS